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Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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| Complete If Known | |
|------------------------|----------------------|
| Application Number | 09/966,482 |
| Filing Date | September 28, 2001 |
| First Named Inventor | Ye WANG, et al. |
| Group Art Unit | 2655 |
| Examiner Name | Michael N. Opsasnick |
| Attorney Docket Number | 004770.00023 |

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

**Examiner
Signature**

Date Considered

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¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04.

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Sheet

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| Application Number | 09/966,482 |
| Filing Date | Seep. 28, 2001 |
| First Named Inventor | Wang et al. |
| Group Art Unit | 2133 |
| Examiner Name | TBD |
| Attorney Docket Number | 004770.00023 |

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| Examiner Initials | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T ² |
| | F | BOSSE, Modified Discrete Cosine Transform (MDCT), March 7, 1998, available at http://icrma-www.stanford.edu/~bosse/proj/mode27.htm | |
| | G | FRAUNHOFER, MPEG Audio Layer-3, available at http://www.ils.fhg.de/amm/techint/layer3/index.html | ✓ <i>Done</i> |
| | H | WCDMAN - the wideband 'radio pipe' for 3G services, September 17, 1999, available at http://www.ericsson.com/wireless/productsys/gsm/subpages/umts_and_3g/wcdman.shtml | ✓ |
| | I | GSM Frequently Asked Questions, October 23, 2000, available at http://www.gsmworld.com/technology/faw.htm | ✓ |
| | J | PERKINS, HODSON, Options for Repair of Streaming Media, Network Working Group RFC 2354, The Internet Society, June 1998. | ✓ <i>Done</i> |
| | K | GOTO & HAYAMIZU, A Real-time Music Scene Description System: Detecting Melody and Bass Lines in Audio Signals, August 1999, Working Notes of the ICAI-99 Workshop on Computational Auditory Scene Analysis, p. 31-40. | ✓ <i>Done</i> |
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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| <i>Application Number</i> | 09/966,482 |
| <i>Filing Date</i> | September 28, 2001 |
| <i>First Named Inventor</i> | Ye Wang, et al. |
| <i>Art Unit</i> | 2655 |
| <i>Examiner Name</i> | Jakleda R. Jackson |
| <i>Attorney Docket Number</i> | 004770.00023 |

U.S. PATENT DOCUMENTS

NON PATENT LITERATURE DOCUMENTS

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| Cite No. ¹ | <p>Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.</p> |
| | <p>Malvar, "Biorthogonal and Nonuniform Lapped Transforms for Transform Coding with Reduced Blocking and Ringing Artifacts," IEEE Transactions on Signal Processing, Vol. 46, Issue 4, April 1998, pp 1043-1053</p> |

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This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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| EXAMINER | DATE CONSIDERED |
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| Examiner Name | Michael N. Opsasnick |
| Attorney Docket Number | 004770.00023 |

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|  | | Herra, J. et al., "Extending the MPEG-4AAC Codec by Perceptual Noise Substitution, 104 th AES Convention, Amsterdam 1998, preprint 4720 | |

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|---|--|--|--|---|--------------------------|
| FORM PTO-1449 (Rev. 2-32) | | U.S. Department of Commerce Patent and Trademark Office | | Atty. Docket No. 004770.00023 | Serial No. 09/966,481 |
| <p style="text-align: right;">O I P E MAY 01 2002 PATENTS & TRADEMARK OFFICE</p> <p>INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)</p> | | <p>Applicant: Ye Wang et al</p> <p>Filing Date: September 28, 2001</p> | | <p style="text-align: right;">RECEIVED MAY 03 2002 Technology Center 2100</p> | |

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| | Document Number | Date | Country | Class | Subclass | Translation | |
|--|-----------------|------------|---------|-------|----------|-------------|----|
| | | | | | | Yes | No |
| | 0 718 982 A2 | 06/26/1996 | EP | — | — | | |
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| 2 | BOLOT et al, Analysis of Audio Packet Loss in the Internet, Proc. Of 5 th Int. Workshop on Network and Operating System Support for Digital, Audio and Video, pp. 163-174, Durham, April 1995 |
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| 6 | NISHIHARA et al, A Practical Query-By-Humming System for a Large Music Database, NTT Laboratories, 1 – 1 Hikarinoaka, Yokosuka-shi, Kanagawa, 239-0847, Japan pp. 1 – 38 |
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